

GenCore version 5.1.3
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OK protein - protein search, using sw model

Run on: December 19, 2002, 14:54:32 : Search time 146 Seconds
(Without alignments)
2508.277 Million cell updates/sec

Title: US-08-813-323B-2
Perfect score: 3008
Sequence: 1 MESSKMDSPGALQTNPLK.....IKDDTIFIKYIVDTSLPDP 568

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues
Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Pending_Patents_AA_Main:*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|----|---------------------|
| 1 | 3008 | 100.0 | 568 | 12 | US-08-813-323A-2 |
| 2 | 3008 | 100.0 | 568 | 12 | US-08-813-323B-2 |
| 3 | 3008 | 100.0 | 568 | 12 | US-09-791-537-42127 |
| 4 | 3008 | 100.0 | 568 | 25 | US-10-116-275-173 |
| 5 | 3002 | 99.8 | 568 | 1 | PCT-US02-17382-131 |
| 6 | 3002 | 99.8 | 568 | 7 | US-08-367-540A-7 |

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|----|--------|------|-----|----|-----------------------|--------------------|
| 7 | 3002 | 99.8 | 568 | 7 | US-08-367-540B-7 | Sequence 7, Appl1 |
| 8 | 3002 | 99.8 | 568 | 7 | US-08-367-540C-7 | Sequence 7, Appl1 |
| 9 | 3002 | 99.8 | 568 | 21 | US-09-791-537-84441 | Sequence 84441, A |
| 10 | 3002 | 99.8 | 568 | 24 | US-10-042-865-166 | Sequence 166, App |
| 11 | 2980.5 | 99.1 | 567 | 1 | PCT-US95-06623-2 | Sequence 2, Appl1 |
| 12 | 2980.5 | 99.1 | 567 | 8 | US-08-404-832-2 | Sequence 2, Appl1 |
| 13 | 2980.5 | 99.1 | 567 | 16 | US-09-224-556-2 | Sequence 2, Appl1 |
| 14 | 2980.5 | 99.1 | 567 | 20 | US-09-645-926A-7 | Sequence 7, Appl1 |
| 15 | 2980.5 | 99.1 | 567 | 21 | US-09-791-537-145945 | Sequence 145945, A |
| 16 | 2980.5 | 99.1 | 567 | 26 | US-10-207-655-103 | Sequence 103, App |
| 17 | 2980.5 | 99.1 | 567 | 26 | US-10-242-212-7 | Sequence 7, Appl1 |
| 18 | 2886.5 | 96.0 | 567 | 12 | US-08-813-323B-1 | Sequence 1, Appl1 |
| 19 | 2886.5 | 96.0 | 567 | 21 | US-09-791-537-60703 | Sequence 60703, A |
| 20 | 2879.5 | 95.7 | 566 | 12 | US-08-813-323A-1 | Sequence 1, Appl1 |
| 21 | 2878.5 | 95.7 | 567 | 1 | PCT-US02-17382-129 | Sequence 129, App |
| 22 | 2839.5 | 94.4 | 543 | 1 | US-09-791-537-5588 | Sequence 5588, App |
| 23 | 2839.5 | 94.4 | 543 | 21 | US-09-757-041-2 | Sequence 2, Appl1 |
| 24 | 2831.5 | 94.1 | 543 | 21 | US-09-757-041A-2 | Sequence 479, App |
| 25 | 2831.5 | 94.1 | 861 | 27 | US-60-212-664-479 | Sequence 1071, App |
| 26 | 2731.5 | 90.8 | 641 | 27 | US-60-230-435-1071 | Sequence 2, Appl1 |
| 27 | 2721.5 | 90.5 | 438 | 1 | PCT-US00-06503-2 | Sequence 2, Appl1 |
| 28 | 2224 | 73.9 | 438 | 23 | US-09-950-902-2 | Sequence 86, Appl1 |
| 29 | 2224 | 73.9 | 398 | 27 | PCT-US00-06503-4 | Sequence 4, Appl1 |
| 30 | 1835 | 61.0 | 347 | 13 | US-09-950-902-4 | Sequence 1, Appl1 |
| 31 | 1701.5 | 56.6 | 347 | 23 | US-09-170-208-1 | Sequence 40451, A |
| 32 | 1701.5 | 56.6 | 347 | 23 | US-09-791-537-40451 | Sequence 93436, A |
| 33 | 1253.5 | 41.7 | 558 | 21 | US-09-791-537-865-165 | Sequence 165, App |
| 34 | 1253.5 | 41.7 | 558 | 21 | US-09-791-537-865-165 | Sequence 165, App |
| 35 | 1253.5 | 41.7 | 558 | 24 | US-10-042-865-163 | Sequence 152567, A |
| 36 | 1253.5 | 41.7 | 558 | 24 | US-10-042-865-163 | Sequence 17702, A |
| 37 | 1253.5 | 41.7 | 558 | 24 | US-10-042-865-163 | Sequence 163, App |
| 38 | 1192.5 | 39.6 | 557 | 15 | US-09-170-208-4 | Sequence 824, App |
| 39 | 1192.5 | 39.6 | 557 | 21 | US-09-791-537-125567 | |
| 40 | 1192.5 | 39.6 | 557 | 24 | US-10-042-865-162 | |
| 41 | 1189.5 | 39.5 | 538 | 21 | US-09-791-537-77702 | |
| 42 | 1189.5 | 39.5 | 538 | 24 | US-10-042-865-163 | |
| 43 | 1183 | 39.3 | 568 | 24 | US-10-042-865-163 | |
| 44 | 1133 | 37.7 | 212 | 21 | US-09-760-466-824 | |
| 45 | 1133 | 37.7 | 212 | 26 | US-10-212-083-824 | |

ALIGNMENTS

RESULT 1

US-08-813-323A-2

Sequence 2, Application US/08813323A

GENERAL INFORMATION:

APPLICANT: Baltimore, David

APPLICANT: Cheng, Genhong

APPLICANT: Cleary, Aileen

APPLICANT: Lederman, Seth

APPLICANT: Ye, Zheng-sheng

TITLE OF INVENTION: TRUNCATED CRAPI INHIBITS CD40 SIGNALING

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESS: Cooper & Dunham, LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/813,323A

FILING DATE:

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: White, John P

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;
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 50659
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..568
; US-08-813-323A-2

Query Match          100.0%; Score 3008; DB 12; Length 568;
Best Local Similarity 100.0%; Pred. No. 1.8e-217;
Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 301 EIEROKEMLRNNEKSLIHLQRYIDSOAEKLELDEIRPFQRMWEADSMKSSVESLQNR 360
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DB 481 EYDALLPWPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSSEFKKPTGEMNITASGCPVFAVQ 540
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DB 541 TVLENGTYIKDPTIFIKVIVDTSDLPDP 568

RESULT 2
US-08-813-323B-2
; Sequence 2, Application US/08013323B
; GENERAL INFORMATION:
; APPLICANT: Baltimore, David
; APPLICANT: Cheng, Genhong
; APPLICANT: Ye, Zheng-Sheng
; APPLICANT: Lederman, Seth
; APPLICANT: Cleary, Aileen
; TITLE OF INVENTION: Truncated Craf-1 Inhibits CD40 Signalling
; FILE REFERENCE: 0575/50659

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; CURRENT APPLICATION NUMBER: US/08/813.323B
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 2
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo Sapiens
; US-08-813-323B-2

Query Match          100.0%; Score 3008; DB 12; Length 568;
Best Local Similarity 100.0%; Pred. No. 1.8e-217;
Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 181 KSOVPMIALOKHEPTDPCVAVVSCPHKCSVOTLLRSELSAHLSVCVNPSTCSFKRYGCV 240
QY 241 FQGTNOQIKAHBASSAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOSLHNOICFSEI 300
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QY 301 EIEROKEMLRNNEKSLIHLQRYIDSOAEKLELDEIRPFQRMWEADSMKSSVESLQNR 360
DB 301 EIEROKEMLRNNEKSLIHLQRYIDSOAEKLELDEIRPFQRMWEADSMKSSVESLQNR 360
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RESULT 3
US-09-791-537-42127
; Sequence 42127, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Biogenix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791.537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42127
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens

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US-09-791-537-42127

Query Match 100.0%; Score 3008; DB 21; Length 568;

Best Local Similarity 100.0%; Pred. No. 1,8e-217; Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPRONWEADSMKSSVESLQNR 360
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 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
 DB 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
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 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSFVYIMRG 480
 DB 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSFVYIMRG 480
 QY 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 DB 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 QY 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568
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 DB 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568

RESULT 4

US-10-116-275-173

Sequence 173, Application US/10116275
 GENERAL INFORMATION:
 APPLICANT: Eian Pharmaceutical Technology
 APPLICANT: O'Mahony, Daniel J.
 APPLICANT: Brayden, David
 APPLICANT: Byrne, Daraagh
 APPLICANT: Lambdin, Imelda
 APPLICANT: Higgins, Lisa
 TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
 FILE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
 CURRENT FILING DATE: 2002-10-04
 CURRENT FILING DATE: 2002-10-04
 NUMBER OF SEQ ID NOS: 349
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 173
 LENGTH: 568
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-116-275-173

Query Match 100.0%; Score 3008; DB 25; Length 568;
 Best Local Similarity 100.0%; Pred. No. 1,8e-217;
 Matches 568; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 1 MESSKMDSPGALQTNPLKHTDRSAGTPVPEOGGYKEKFKVTVEDKYCEKCHLV 60
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 61 CSPKTEGCHRFCECSCMAALLSSSPKTCACQESIVDKYFNCKCCKRELLAQIYCRNE 120
 DB 61 CSPKTEGCHRFCECSCMAALLSSSPKTCACQESIVDKYFNCKCCKRELLAQIYCRNE 120
 QY 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDCKEKVLKRDLDHVEKACKYREATCSHC 180
 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDCKEKVLKRDLDHVEKACKYREATCSHC 180
 DB 121 SRGCAEQLTLGLHLVHLKNDCHFEELPCVRPDCKEKVLKRDLDHVEKACKYREATCSHC 180
 QY 181 KSOVPMIALOKHEHEDPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 240
 181 KSOVPMIALOKHEHEDPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 240
 DB 181 KSOVPMIALOKHEHEDPCVYVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 240
 QY 241 FOGTNOOIKAHSAASAVOHVNLKEMNSLEKKVSLQNSVEKNKSIOSLHNOICSEFI 300
 241 FOGTNOOIKAHSAASAVOHVNLKEMNSLEKKVSLQNSVEKNKSIOSLHNOICSEFI 300
 DB 241 FOGTNOOIKAHSAASAVOHVNLKEMNSLEKKVSLQNSVEKNKSIOSLHNOICSEFI 300
 QY 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPRONWEADSMKSSVESLQNR 360
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 DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPRONWEADSMKSSVESLQNR 360
 QY 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
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 DB 361 VTELESYVKSAGVARNGLLESQLSRHDOMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
 QY 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSFVYIMRG 480
 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSFVYIMRG 480
 DB 421 KIRDYKRRKQEAHVNGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLSFVYIMRG 480
 QY 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 DB 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEFKPTGEMNIAASGCPVFAO 540
 QY 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568
 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568
 DB 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568

RESULT 5

PCT-US02-17382-131

Sequence 131, Application PC/TUS0217382
 GENERAL INFORMATION:
 APPLICANT: EXELIXIS, INC.
 TITLE OF INVENTION: MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE
 FILE REFERENCE: EX02-062
 CURRENT FILING DATE: 2002-06-05
 PRIOR APPLICATION NUMBER: PCT/US02/17382
 PRIOR FILING DATE: 2002-06-05
 PRIOR APPLICATION NUMBER: US 60/296,076
 PRIOR FILING DATE: 2001-06-05
 PRIOR APPLICATION NUMBER: US 60/328,605
 PRIOR FILING DATE: 2001-10-10
 PRIOR APPLICATION NUMBER: US 60/357,253
 PRIOR FILING DATE: 2002-02-15
 NUMBER OF SEQ ID NOS: 234
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 131
 LENGTH: 568
 TYPE: PRT
 ORGANISM: Homo sapiens
 PCT-US02-17382-131

Query Match 99.8%; Score 3002; DB 1; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5,2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKMDSPGALQTNPLKHTDRSAGTPVPEOGGYKEKFKVTVEDKYCEKCHLV 60
 1 MESSKMDSPGALQTNPLKHTDRSAGTPVPEOGGYKEKFKVTVEDKYCEKCHLV 60
 DB 1 MESSKMDSPGALQTNPLKHTDRSAGTPVPEOGGYKEKFKVTVEDKYCEKCHLV 60

| | | | |
|---------------------------------------------------------|-----|--------------------------------------------------------------|-----|
| QY | 61 | CSFQUTECGRHFCSCMAALLSSSPKCTACQESYKDYKFKNCKRELLAQICRNE | 120 |
| Db | 61 | CSFKQTCBGHFCSCMAALLSSSPKCTACQESYKDYKFKNCKRELLAQICRNE | 120 |
| QY | 121 | SRGAEOLTLGHLVLHLKNDCHFEELPCVAPDCKEYKLRKDLRDHYEKAQCYREATCSHC | 180 |
| Db | 121 | SRGAEOLMLGHLVLHLKNDCHFEELPCVAPDCKEYKLRKDLRDHYEKAQCYREATCSHC | 180 |
| QY | 181 | KSQVPMIALOKHEDTDCPCVVVSCPHKCSVQTLRLSELASHLSECYNABSTCSFKRYGCV | 240 |
| Db | 181 | KSQVPMIALOKHEDTDCPCVVVSCPHKCSVQTLRLSELASHLSECYNABSTCSFKRYGCV | 240 |
| QY | 241 | FOGNOOIKHAHSAVAQVHNLLKEMNSLEKKVSLLONSYVKNKSIOGLHQIOSFEI | 300 |
| Db | 241 | FOGNOOIKHAHSAVAQVHNLLKEMNSLEKKVSLLONSYVKNKSIOGLHQIOSFEI | 300 |
| QY | 301 | EIEROKEMLRNNESKILHLQFVIDSOAEKLELDKEIIRPQRQWEADSKSSVESLQNR | 360 |
| Db | 301 | EIEROKEMLRNNESKILHLQFVIDSOAEKLELDKEIIRPQRQWEADSKSSVESLQNR | 360 |
| QY | 361 | VTELESYDKSAGVARNUTGILLESOLSHDQMLSVHDIRLADMDLRFOVLTASYNGVLW | 420 |
| Db | 361 | VTELESYDKSAGVARNUTGILLESOLSHDQMLSVHDIRLADMDLRFOVLTASYNGVLW | 420 |
| QY | 421 | KIRDYKRRKQSAVWAGKTLISYQDPYTYGYEGYKMCARVYLNGDMGKGTLSLFEVIMRG | 480 |
| Db | 421 | KIRDYKRRKQSAVWAGKTLISYQDPYTYGYEGYKMCARVYLNGDMGKGTLSLFEVIMRG | 480 |
| QY | 481 | EYDALLPPEFOXATYLMMDQSSRRHLGQAFKRPDPNSSFKRKTGEMNTIASGCPYVVAQ | 540 |
| Db | 481 | EYDALLPPEFOXATYLMMDQSSRRHLGQAFKRPDPNSSFKRKTGEMNTIASGCPYVVAQ | 540 |
| QY | 541 | TYLENGTYIKDDTIFIKYIVYVTSDLPP | 568 |
| Db | 541 | TYLENGTYIKDDTIFIKYIVYVTSDLPP | 568 |
| RESULT 6 | | | |
| US-08-367-540A-7 | | | |
| ; Sequence 7, Application US/08367540A | | | |
| ; GENERAL INFORMATION: | | | |
| ; APPLICANT: Kieff, Elliott | | | |
| ; APPLICANT: Mosialos, George | | | |
| ; APPLICANT: Birnenbach, Mark | | | |
| ; APPLICANT: Vanarsdale, Todd | | | |
| ; APPLICANT: Ware, Carol | | | |
| ; TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS | | | |
| ; NUMBER OF SEQUENCES: 8 | | | |
| ; CORRESPONDENCE ADDRESS: | | | |
| ; ADDRESSEE: Fish & Richardson P.C. | | | |
| ; STREET: 225 Franklin Street | | | |
| ; CITY: Boston | | | |
| ; STATE: MA | | | |
| ; COUNTRY: USA | | | |
| ; ZIP: 02110-2804 | | | |
| ; COMPUTER READABLE FORM: | | | |
| ; MEDIUM TYPE: Diskette | | | |
| ; COMPUTER: IBM Compatible | | | |
| ; OPERATING SYSTEM: Windows 95 | | | |
| ; SOFTWARE: FastSEO for Windows Version 2.0b | | | |
| ; CURRENT APPLICATION DATA: | | | |
| ; APPLICATION NUMBER: US/08/367,540A | | | |
| ; FILING DATE: 30-DEC-1994 | | | |
| ; ATTORNEY/AGENT INFORMATION: | | | |
| ; NAME: Freeman, John W. | | | |
| ; REGISTRATION NUMBER: 29,066 | | | |
| ; REFERENCE/DOCKET NUMBER: 05311/014001 | | | |
| ; TELECOMMUNICATION INFORMATION: | | | |
| ; TELEPHONE: 617/542-5070 | | | |
| ; TELEFAX: 617/542-8906 | | | |
| ; TELETYPE: 200154 | | | |
| ; INFORMATION FOR SEQ ID NO: 7: | | | |

```

;
; SEQUENCE CHARACTERISTICS
; LENGTH: 568 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
;
US-08-367-5A0A-7

```

| | | | | |
|-----------------------|--------------|---------------------|---------------|-------------|
| Query Match | 99.8% | Score 3002; | DB 7; | Length 568; |
| Best Local Similarity | 99.8%; | Pred. No. 5,2e-217; | | |
| Matches 567; | Conservative | 0; | Mismatches 1; | Indels 0; |
| | | | | Gaps 0; |

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0Y      1 MESSKMDSPALOTNPRLKTHDRSAGTEVPEDEGGYKEKFKVYKEKCEKCHLV 60
0Y      1 MESSKMDSPALOTNPRLKTHDRSAGTEVPEDEGGYKEKFKVYKEKCEKCHLV 60
Db      1 MESSKMDSPALOTNPRLKTHDRSAGTEVPEDEGGYKEKFKVYKEKCEKCHLV 60
0Y      61 CSPKOTEGCHFRCSMAMALSSSPCTACQESIYDKVFKDNCKRETLALQIYCRNE 120
0Y      61 CSPKOTEGCHFRCSMAMALSSSPCTACQESIYDKVFKDNCKRETLALQIYCRNE 120
Db      61 CSPKOTEGCHFRCSMAMALSSSPCTACQESIYDKVFKDNCKRETLALQIYCRNE 120
0Y      121 SRGAEQJTLGHLLVHLKNDCHFEELPCVPBDCKEYLRDLDHYEKACKYREALCSC 180
0Y      121 SRGAEQJTLGHLLVHLKNDCHFEELPCVPBDCKEYLRDLDHYEKACKYREALCSC 180
Db      121 SRGAEQJTLGHLLVHLKNDCHFEELPCVPBDCKEYLRDLDHYEKACKYREALCSC 180
0Y      181 KSQVYMLALQKHEDTDCPCVYVSCPHKCSYOTLLRSELSAHLSCEVNAPESTCSFKRYGCV 240
0Y      181 KSQVYMLALQKHEDTDCPCVYVSCPHKCSYOTLLRSELSAHLSCEVNAPESTCSFKRYGCV 240
Db      181 KSQVYMLALQKHEDTDCPCVYVSCPHKCSYOTLLRSELSAHLSCEVNAPESTCSFKRYGCV 240
0Y      241 FQGTMOQIKAHBASSAVOHVMLKEWNSLEKKVSLLOJESVEKNKSIOSLHNOICSFEL 300
0Y      241 FQGTMOQIKAHBASSAVOHVMLKEWNSLEKKVSLLOJESVEKNKSIOSLHNOICSFEL 300
Db      241 FQGTMOQIKAHBASSAVOHVMLKEWNSLEKKVSLLOJESVEKNKSIOSLHNOICSFEL 300
0Y      301 EIEROKEMLRNNESKITLHLOVYDISOAEKLELDEKELRPRONWEEADSKSSVESLOJR 360
0Y      301 EIEROKEMLRNNESKITLHLOVYDISOAEKLELDEKELRPRONWEEADSKSSVESLOJR 360
Db      301 EIEROKEMLRNNESKITLHLOVYDISOAEKLELDEKELRPRONWEEADSKSSVESLOJR 360
0Y      361 VTELSPVKSAGOVARNRGTLESOLSRHDQMLSVHDIRLADMRLRFOVLETAASYNGVLIN 420
0Y      361 VTELSPVKSAGOVARNRGTLESOLSRHDQMLSVHDIRLADMRLRFOVLETAASYNGVLIN 420
Db      361 VTELSPVKSAGOVARNRGTLESOLSRHDQMLSVHDIRLADMRLRFOVLETAASYNGVLIN 420
0Y      421 KIRDYKRRKQEAVMKTLISYQPPYTGFGYKMCARVYLLNGDMGKGTLSLFPYIMRG 480
0Y      421 KIRDYKRRKQEAVMKTLISYQPPYTGFGYKMCARVYLLNGDMGKGTLSLFPYIMRG 480
Db      421 KIRDYKRRKQEAVMKTLISYQPPYTGFGYKMCARVYLLNGDMGKGTLSLFPYIMRG 480
0Y      481 EYDALLPMPFKQVYTLMDGSSSRRHGDAFKRDPNSSFKRPTGEMNIASGCPYVVAQ 540
0Y      481 EYDALLPMPFKQVYTLMDGSSSRRHGDAFKRDPNSSFKRPTGEMNIASGCPYVVAQ 540
Db      481 EYDALLPMPFKQVYTLMDGSSSRRHGDAFKRDPNSSFKRPTGEMNIASGCPYVVAQ 540
0Y      541 TVLENGTYIKDPTIFIKYIVDTSDDLPDP 568
0Y      541 TVLENGTYIKDPTIFIKYIVDTSDDLPDP 568
Db      541 TVLENGTYIKDPTIFIKYIVDTSDDLPDP 568

RESULT 7
US-08-367-5408-7
: Sequence 7, Application US/08367540B
:
: GENERAL INFORMATION:
:
:   APPLICANT: Kieff, Elliott
:
:   APPLICANT: Mostalos, George
:
:   APPLICANT: Birthenbach, Mark
:
:   APPLICANT: Vanarsdale, Todd
:
:   APPLICANT: Ware, Carol
:
:   APPLICANT: Kavey, Kenneth M.
:
:   TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS
:
:   NUMBER OF SEQUENCES: 21
:
:   CORRESPONDENCE ADDRESS:
:   ADDRESSEE: Fish & Richardson P.C.
:   STREET: 225 Franklin Street
:   CITY: Boston
:   STATE: MA
:
:   COUNTRY: USA
:   ZIP: 02110-2804
:
:   COMPUTER READABLE FORM:
:

```

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FASTSEQ for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/367, 540B
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540B-7

Query Match 99.8%; Score 3002; DB 7; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5.2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKMDSPALOTNPPLKHTDRSAGTPVPEEGGKYEKVFVTEDEKYEKCHLV 60
 DB 1 MESSKMDSPALOTNPPLKHTDRSAGTPVPEEGGKYEKVFVTEDEKYEKCHLV 60
 QY 61 CSPKOTEGCHRFCESCMAALLSSSPKCTACQESIYKDKVFRDNCKREITLLOIYCRNE 120
 DB 61 CSPKOTEGCHRFCESCMAALLSSSPKCTACQESIYKDKVFRDNCKREITLLOIYCRNE 120
 QY 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 DB 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 QY 181 KSOVPMIALOKHEHDTDCPCVVVSCPHKCSVOTLRLSELSAHLSVCNAPSTCSFRKYGCV 240
 DB 181 KSOVPMIALOKHEHDTDCPCVVVSCPHKCSVOTLRLSELSAHLSVCNAPSTCSFRKYGCV 240
 QY 241 FQGNNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 DB 241 FQGNNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 QY 301 EIEROKEMLRNNESEKILHLOVVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNESEKILHLOVVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 QY 361 VTELESVDKSAGOVARNNTGLLESQLSRHDOMLSVHDIRLADMDIRLFOVLETAASYGVLIW 420
 DB 361 VTELESVDKSAGOVARNNTGLLESQLSRHDOMLSVHDIRLADMDIRLFOVLETAASYGVLIW 420
 QY 421 KIRDYKRRKOAVMKGKTLISYQPFYGYGKMKCARVYLNGDMGKGTLSLFEVIMRG 480
 DB 421 KIRDYKRRKOAVMKGKTLISYQPFYGYGKMKCARVYLNGDMGKGTLSLFEVIMRG 480
 QY 481 EYDALLPMPFKQKVTLLMDGSSRRHLGDAFKPDPNSSFFKPKTGMNTIASGCPVAVAA 540
 DB 481 EYDALLPMPFKQKVTLLMDGSSRRHLGDAFKPDPNSSFFKPKTGMNTIASGCPVAVAA 540
 QY 541 TVLENGTYIKDDTIFIVYVDTSLDPP 568
 DB 541 TVLENGTYIKDDTIFIVYVDTSLDPP 568

RESULT 8
 US-08-367-540C-7
 ; Sequence 7, Application US/08367540C
 ; GENERAL INFORMATION:

APPLICANT: Kieff, Elliott
 APPLICANT: Mosialos, George
 APPLICANT: Birkenbach, Mark
 APPLICANT: Varnsdales, Todd
 APPLICANT: Ware, Carol
 APPLICANT: Kaye, Kenneth M.
 NUMBER OF SEQUENCES: 21
 TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS
 CORRESPONDENCE ADDRESS:
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FASTSEQ for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/367, 540C
 FILING DATE: 30-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 05311/014001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEFAX: 617/542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 568 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal
 US-08-367-540C-7

Query Match 99.8%; Score 3002; DB 7; Length 568;
 Best Local Similarity 99.8%; Pred. No. 5.2e-217;
 Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKMDSPALOTNPPLKHTDRSAGTPVPEEGGKYEKVFVTEDEKYEKCHLV 60
 DB 1 MESSKMDSPALOTNPPLKHTDRSAGTPVPEEGGKYEKVFVTEDEKYEKCHLV 60
 QY 61 CSPKOTEGCHRFCESCMAALLSSSPKCTACQESIYKDKVFRDNCKREITLLOIYCRNE 120
 DB 61 CSPKOTEGCHRFCESCMAALLSSSPKCTACQESIYKDKVFRDNCKREITLLOIYCRNE 120
 QY 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 DB 121 SRGCAEOLTLGHLVHLKNDCHFEELPCVRPCKEVLKRDLDHVEKACKYREATCSHC 180
 QY 181 KSOVPMIALOKHEHDTDCPCVVVSCPHKCSVOTLRLSELSAHLSVCNAPSTCSFRKYGCV 240
 DB 181 KSOVPMIALOKHEHDTDCPCVVVSCPHKCSVOTLRLSELSAHLSVCNAPSTCSFRKYGCV 240
 QY 241 FQGNNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 DB 241 FQGNNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNSVEKNKSIQSLHNOICSEFI 300
 QY 301 EIEROKEMLRNNESEKILHLOVVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNESEKILHLOVVIDSOAEKLELDKEIRPFQNMWEADSMKSSVESLQNR 360
 QY 361 VTELESVDKSAGOVARNNTGLLESQLSRHDOMLSVHDIRLADMDIRLFOVLETAASYGVLIW 420
 DB 361 VTELESVDKSAGOVARNNTGLLESQLSRHDOMLSVHDIRLADMDIRLFOVLETAASYGVLIW 420
 QY 421 KIRDYKRRKOAVMKGKTLISYQPFYGYGKMKCARVYLNGDMGKGTLSLFEVIMRG 480

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Db 421 KIDYKRRKQEAAMGKTLISYQFYTGYGKMCARVYINGDMKGKTHLSLFYIMNG 480
QY 481 EYDALLPMPKQKVTLLMLMOGSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
Db 481 EYDALLPMPKQKVTLLMLMOGSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
QY 541 TVLENGTYIKDPTIFIKVIYDTSDDLP 568
Db 541 TVLENGTYIKDPTIFIKVIYDTSDDLP 568

RESULT 9
US-09-791-537-84441
; Sequence 84441, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMBE
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84441
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-84441

Query Match 99.8%; Score 3002; DB 21; Length 568;
Best Local Similarity 99.8%; Pred. No. 5,2e-217;
Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVYVEGQGYKFKYVEDKRCCKCHLV 60
Db 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVYVEGQGYKFKYVEDKRCCKCHLV 60
QY 61 CSPRQTEGHRFCESCAALLSSSPKCTACQESIYKDKVCKNCKREILALQIYCRNE 120
Db 61 CSPRQTEGHRFCESCAALLSSSPKCTACQESIYKDKVCKNCKREILALQIYCRNE 120
QY 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHYEKAKYREATCSHC 180
Db 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHYEKAKYREATCSHC 180
QY 181 KSOVPMIALOKHEDTDCPCVAVSCPHKCSYQTLRLSELNHLSECVNADSTCSFKRYGCV 240
Db 181 KSOVPMIALOKHEDTDCPCVAVSCPHKCSYQTLRLSELNHLSECVNADSTCSFKRYGCV 240
QY 241 FQGNQOIKAHESAIVQHNILKEWNSLKKVSLQONSVEKNNISQISLHQISFEL 300
Db 241 FQGNQOIKAHESAIVQHNILKEWNSLKKVSLQONSVEKNNISQISLHQISFEL 300
QY 301 EIEROKEMLNNSKILHLQORVIDSOAEKLELDEKELRPPROWEADSKSSVESLQNR 360
Db 301 EIEROKEMLNNSKILHLQORVIDSOAEKLELDEKELRPPROWEADSKSSVESLQNR 360
QY 361 VTELESYDASAGVARNRTGLLESQLSRHQDMLSVHDIRLADMRLRQVLETASYNGLVIM 420
Db 361 VTELESYDASAGVARNRTGLLESQLSRHQDMLSVHDIRLADMRLRQVLETASYNGLVIM 420
QY 421 KIDYKRRKQEAAMGKTLISYQFYTGYGKMCARVYINGDMKGKTHLSLFYIMNG 480
Db 421 KIDYKRRKQEAAMGKTLISYQFYTGYGKMCARVYINGDMKGKTHLSLFYIMNG 480
QY 481 EYDALLPMPKQKVTLLMLMOGSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
Db 481 EYDALLPMPKQKVTLLMLMOGSSRRHLGDAFPDNNSSFFKPTGEMNIASGCPVFAO 540
QY 541 TVLENGTYIKDPTIFIKVIYDTSDDLP 568

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Db 541 TVLENGTYIKDPTIFIKVIYDTSDDLP 568

RESULT 10
US-10-042-865-166
; Sequence 166, Application US/10042865
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Casman, Stacie J
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zhong, Mei
; APPLICANT: Gangolli, Esna A
; APPLICANT: Burgess, Catherine E
; APPLICANT: Patturajan, Meera
; APPLICANT: Vernet, Corine A.M
; APPLICANT: Taylor, Sarah
; APPLICANT: Tchernyev, Velizar T
; APPLICANT: Miller, Charles E
; APPLICANT: Guo, Xiaojia
; APPLICANT: Boldog, Ference L
; APPLICANT: Grosse, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Ellerman, Karen
; APPLICANT: MacDougall, John
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Isabelle
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glenda
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; FILE REFERENCE: 21402-537
; CURRENT APPLICATION NUMBER: US/10/042,865
; CURRENT FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/260,417
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: 60/260,831
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: 60/272,338
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/274,876
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/284,704
; PRIOR FILING DATE: 2001-04-18
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 166
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-042-865-166

Query Match 99.8%; Score 3002; DB 24; Length 568;
Best Local Similarity 99.8%; Pred. No. 5,2e-217;
Matches 567; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVYVEGQGYKFKYVEDKRCCKCHLV 60
Db 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVYVEGQGYKFKYVEDKRCCKCHLV 60
QY 61 CSPRQTEGHRFCESCAALLSSSPKCTACQESIYKDKVCKNCKREILALQIYCRNE 120
Db 61 CSPRQTEGHRFCESCAALLSSSPKCTACQESIYKDKVCKNCKREILALQIYCRNE 120
QY 121 SRGCAEQLTGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHYEKAKYREATCSHC 180

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||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||||
Db 121 SRCQAOLMGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
Oy 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSEKNSLSECVNAPSTCSFRKRGCV 240
Db 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSEKNSLSECVNAPSTCSFRKRGCV 240
Oy 241 FOGTNOQIKAHASAVOHVNLKEMNSLEKKSVLQNESVEKNSLSIOSLHNOICSEFI 300
Db 241 FOGTNOQIKAHASAVOHVNLKEMNSLEKKSVLQNESVEKNSLSIOSLHNOICSEFI 300
Oy 301 EIEROKEMLRNNESKILHLQRVIDSQAELKELDKETIRPFRRONWEADSMKSSVESLQNR 360
Db 301 EIEROKEMLRNNESKILHLQRVIDSQAELKELDKETIRPFRRONWEADSMKSSVESLQNR 360
Oy 361 VTELESVDKSAGOVARNLTGLLESQLSRHDQMSVHDIRLADMDLRFOVLETASVNGVLLW 420
Db 361 VTELESVDKSAGOVARNLTGLLESQLSRHDQMSVHDIRLADMDLRFOVLETASVNGVLLW 420
Oy 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLFVIMRG 480
Db 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLFVIMRG 480
Oy 481 EYDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAVQ 540
Db 481 EYDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAVQ 540
Oy 541 TVLENGTYIKDDTIFIKYIVDTSLDLP 568
Db 541 TVLENGTYIKDDTIFIKYIVDTSLDLP 568

```

RESULT 11

PCT-US95-06623-2

```

; Sequence 2, Application PC/TUS9506623
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF MICHIGAN
; TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06623
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: KONSKI, ANTOINETTE F.
; REGISTRATION NUMBER: 34,202
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ. ID NO. 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 567 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-06623-2

```

Query Match

99.1%; Score 2980.5; DB 1; Length 567;

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Best Local Similarity 99.5%; Pred. No. 2,2e-215;
Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;
Oy 1 MESSKKMSPGALQNPPLKHTDRSAGT PVFVPOGSGYKKEKFKYTEDKXKCEKHLYL 60
Db 1 MESSKKMSPGALQNPPLKHTDRSAGT PVFVPOGSGYKKEKFKYTEDKXKCEKHLYL 60
Oy 61 CSPKOTEGHRCESCMALLSSSPKCTACQESTIVDKVFKDMCKREILALQYCRNE 120
Db 61 CSPKOTEGHRCESCMALLSSSPKCTACQESTIVDKVFKDMCKREILALQYCRNE 120
Oy 121 SRGAEQULTLGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
Db 121 SRGAEQULTLGLHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
Oy 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSEKNSLSECVNAPSTCSFRKRGCV 240
Db 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSEKNSLSECVNAPSTCSFRKRGCV 240
Oy 241 FOGTNOQIKAHASAVOHVNLKEMNSLEKKSVLQNESVEKNSLSIOSLHNOICSEFI 300
Db 241 FOGTNOQIKAHASAVOHVNLKEMNSLEKKSVLQNESVEKNSLSIOSLHNOICSEFI 300
Oy 301 EIEROKEMLRNNESKILHLQRVIDSQAELKELDKETIRPFRRONWEADSMKSSVESLQNR 360
Db 301 EIEROKEMLRNNESKILHLQRVIDSQAELKELDKETIRPFRRONWEADSMKSSVESLQNR 360
Oy 361 VTELESVDKSAGOVARNLTGLLESQLSRHDQMSVHDIRLADMDLRFOVLETASVNGVLLW 420
Db 361 VTELESVDKSAGOVARNLTGLLESQLSRHDQMSVHDIRLADMDLRFOVLETASVNGVLLW 420
Oy 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLFVIMRG 480
Db 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTSLFVIMRG 480
Oy 481 EYDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAVQ 540
Db 481 EYDALLPMPFKQKVTLMMDQSSRRHLGDAFKPDPNSSFFKPTGEMNIAAGCPVFAVQ 540
Oy 541 TVLENGTYIKDDTIFIKYIVDTSLDLP 568
Db 541 TVLENGTYIKDDTIFIKYIVDTSLDLP 568

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RESULT 12

US-08-404-832-2

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; Sequence 2, Application US/08404832
; GENERAL INFORMATION:
; APPLICANT: DIXIT, VISHA M.
; TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/404,832
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: KONSKI, ANTOINETTE F.
; REGISTRATION NUMBER: 34,202
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ. ID NO. 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 567 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-06623-2

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; TELEPHONE: (415) 813-5600
 ; TELEFAX: (415) 494-0792
 ; TELEX: 706141
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 567 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-404-832-2

Query Match 99.1%; Score 2980.5; DB 8; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKREKVKYEDKCKCHLYL 60
 DB 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKREKVKYEDKCKCHLYL 60
 QY 61 CSPKQTEGHRFCESCAALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
 DB 61 CSPKQTEGHRFCESCAALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
 QY 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
 DB 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 179
 QY 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSYQTLRSELNHLSECVNAPSTCSFKRYGCV 240
 DB 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSYQTLRSELNHLSECVNAPSTCSFKRYGCV 239
 QY 241 FQGTNOQIKAHSSAVOHVNLKEMSNLEKRVSLQNESVEKNKSIOSLHNOICSPFI 300
 DB 241 FQGTNOQIKAHSSAVOHVNLKEMSNLEKRVSLQNESVEKNKSIOSLHNOICSPFI 299
 QY 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFQNMWEADSMKSSVESLQNR 359
 QY 361 VTELESYDKSAGVARNYTGILLESQLSRHDOMLSVHDIRLADMDLRFQVLETASNGVLIW 420
 DB 361 VTELESYDKSAGVARNYTGILLESQLSRHDOMLSVHDIRLADMDLRFQVLETASNGVLIW 419
 QY 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
 DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 479
 QY 481 EYDALLPWPFRKQVYTLMLMDGSSRRHLGDAFKPDNSSSFKKPTGEMNIASGCPVFAQ 540
 DB 481 EYDALLPWPFRKQVYTLMLMDGSSRRHLGDAFKPDNSSSFKKPTGEMNIASGCPVFAQ 539
 QY 541 TVLENGTYIKDDTIFIKYIVDTSLDPP 568
 DB 541 TVLENGTYIKDDTIFIKYIVDTSLDPP 567

RESULT 13
 US-09-224-556-2
 ; Sequence 2, Application US/09224556
 ; GENERAL INFORMATION:
 ; APPLICANT: Dixit, Vishva M.
 ; TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF
 ; TITLE OF INVENTION: USING SAME
 ; FILE REFERENCE: 128019201702
 ; CURRENT APPLICATION NUMBER: US/09/224,556
 ; CURRENT FILING DATE: 1998-12-30
 ; PRIOR APPLICATION NUMBER: 08/826,577
 ; PRIOR FILING DATE: 1997-04-02
 ; PRIOR APPLICATION NUMBER: 08/004,832
 ; PRIOR FILING DATE: 1995-03-13
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 2

; LENGTH: 567
 ; TYPE: PRP
 ; ORGANISM: Homo sapiens
 ; US-09-224-556-2

Query Match 99.1%; Score 2980.5; DB 16; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKREKVKYEDKCKCHLYL 60
 DB 1 MESSKKMDSFGALQTNPLKLTHTDRSAGTPVFPVPEGGYKREKVKYEDKCKCHLYL 60
 QY 61 CSPKQTEGHRFCESCAALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
 DB 61 CSPKQTEGHRFCESCAALLSSSSPKCTACQESIYKDKVFKDCKCKREILALQIYCRNE 120
 QY 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 180
 DB 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVPRDCKEYLRKDLRDHVEKACKYREATCSHC 179
 QY 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSYQTLRSELNHLSECVNAPSTCSFKRYGCV 240
 DB 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSYQTLRSELNHLSECVNAPSTCSFKRYGCV 239
 QY 241 FQGTNOQIKAHSSAVOHVNLKEMSNLEKRVSLQNESVEKNKSIOSLHNOICSPFI 300
 DB 241 FQGTNOQIKAHSSAVOHVNLKEMSNLEKRVSLQNESVEKNKSIOSLHNOICSPFI 299
 QY 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFQNMWEADSMKSSVESLQNR 360
 DB 301 EIEROKEMLRNNEKILHLQRYIDSQAELKELDKETIRPFQNMWEADSMKSSVESLQNR 359
 QY 361 VTELESYDKSAGVARNYTGILLESQLSRHDOMLSVHDIRLADMDLRFQVLETASNGVLIW 420
 DB 361 VTELESYDKSAGVARNYTGILLESQLSRHDOMLSVHDIRLADMDLRFQVLETASNGVLIW 419
 QY 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 480
 DB 421 KIRDYKRRKQEAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKTHLSLFFVIMRG 479
 QY 481 EYDALLPWPFRKQVYTLMLMDGSSRRHLGDAFKPDNSSSFKKPTGEMNIASGCPVFAQ 540
 DB 481 EYDALLPWPFRKQVYTLMLMDGSSRRHLGDAFKPDNSSSFKKPTGEMNIASGCPVFAQ 539
 QY 541 TVLENGTYIKDDTIFIKYIVDTSLDPP 568
 DB 541 TVLENGTYIKDDTIFIKYIVDTSLDPP 567

RESULT 14
 US-09-645-926A-7
 ; Sequence 7, Application US/09645926A
 ; GENERAL INFORMATION:
 ; APPLICANT: AHUJA, SEEMA
 ; APPLICANT: BONEWALD, LYNDIA
 ; TITLE OF INVENTION: CD40 LIGAND AND CD40 AGONIST COMPOSITIONS AND METHODS OF USE
 ; FILE REFERENCE: 4003,001000
 ; CURRENT APPLICATION NUMBER: US/09/645,926A
 ; CURRENT FILING DATE: 2000-08-24
 ; PRIOR APPLICATION NUMBER: 60/151,250
 ; PRIOR FILING DATE: 1999-08-27
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 7
 ; LENGTH: 567
 ; TYPE: PRP
 ; ORGANISM: Homo sapiens
 ; US-09-645-926A-7

Query Match 99.1%; Score 2980.5; DB 20; Length 567;
 Best Local Similarity 99.5%; Pred. No. 2.2e-215;
 Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;


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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGYKKEKFKVTVEEDKCKECHLVL 60
Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGYKKEKFKVTVEEDKCKECHLVL 60
QY 61 CSPKQTECHGRFCECSCMAALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
Db 61 CSPKQTECHGRFCECSCMAALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
QY 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVRPDKCEKVLRLDRHVEKACKYREATCSHC 180
Db 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVRPDKCEKVLRLDRHVEKACKYREATCSHC 179
QY 181 KSOVPMIALOKHEHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 240
Db 180 KSOVPMIALOKHEHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 239
QY 241 FOGTNOQIKAHBAASSAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 300
Db 240 FOGTNOQIKAHBAASSAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 299
QY 301 EIEROKEMLRNNEKILHLORVIDSQAEKLELDEKIRPROMWEADSMKSSVESLQNR 360
Db 300 EIEROKEMLRNNEKILHLORVIDSQAEKLELDEKIRPROMWEADSMKSSVESLQNR 359
QY 361 VTELESVDKSAGOVARNRTGLLESQLSRHDQMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
Db 360 VTELESVDKSAGOVARNRTGLLESQLSRHDQMLSVHDIRLADMDLRFQVLETAASYNGVLIW 419
QY 421 KIRDYKRRKOEAVNGKTLISYQPFYTGFGYKMCARVYLNQDGMGKTHLSLFFVIMRG 480
Db 420 KIRDYKRRKOEAVNGKTLISYQPFYTGFGYKMCARVYLNQDGMGKTHLSLFFVIMRG 479
QY 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNITASGCPVFVAQ 540
Db 480 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNITASGCPVFVAQ 539
QY 541 TVLENGTYIKDDTIFIKIYIVDTSLDLP 568
Db 540 TVLENGTYIKDDTIFIKIYIVDTSLDLP 567

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RESULT 15

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US-09-791-537-145945
; Sequence 145945, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Biocomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145945
; LENGTH: 567
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-537-145945

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Query Match 99.1%; Score 2980.5; DB 21; Length 567;

Best Local Similarity 99.5%; Pred. No. 2.2e-215;

Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGYKKEKFKVTVEEDKCKECHLVL 60
Db 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGYKKEKFKVTVEEDKCKECHLVL 60
QY 61 CSPKQTECHGRFCECSCMAALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120
Db 61 CSPKQTECHGRFCECSCMAALLSSSPKCTACQESIYKDKVFKNDCCKREILALQIYCRNE 120

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QY 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVRPDKCEKVLRLDRHVEKACKYREATCSHC 180
Db 121 SRGCAEQLTLGHLVHLKNDCHFEELPCVRPDKCEKVLRLDRHVEKACKYREATCSHC 179
QY 181 KSOVPMIALOKHEHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 240
Db 180 KSOVPMIALOKHEHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCV 239
QY 241 FOGTNOQIKAHBAASSAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 300
Db 240 FOGTNOQIKAHBAASSAVOHVNLKEMSNLSLEKVSLLQNESVEKNKSIOGLHNOICFSEI 299
QY 301 EIEROKEMLRNNEKILHLORVIDSQAEKLELDEKIRPROMWEADSMKSSVESLQNR 360
Db 300 EIEROKEMLRNNEKILHLORVIDSQAEKLELDEKIRPROMWEADSMKSSVESLQNR 359
QY 361 VTELESVDKSAGOVARNRTGLLESQLSRHDQMLSVHDIRLADMDLRFQVLETAASYNGVLIW 420
Db 360 VTELESVDKSAGOVARNRTGLLESQLSRHDQMLSVHDIRLADMDLRFQVLETAASYNGVLIW 419
QY 421 KIRDYKRRKOEAVNGKTLISYQPFYTGFGYKMCARVYLNQDGMGKTHLSLFFVIMRG 480
Db 420 KIRDYKRRKOEAVNGKTLISYQPFYTGFGYKMCARVYLNQDGMGKTHLSLFFVIMRG 479
QY 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNITASGCPVFVAQ 540
Db 480 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKPTGEMNITASGCPVFVAQ 539
QY 541 TVLENGTYIKDDTIFIKIYIVDTSLDLP 568
Db 540 TVLENGTYIKDDTIFIKIYIVDTSLDLP 567

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Search completed: December 19, 2002, 14:58:55

Job time: 149 secs

